

## EAST Search History

| Ref # | Hits | Search Query                                       | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 111  | ("5416594", "5334,844")                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:45 |
| L2    | 111  | ("5416594", "5334844")                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:48 |
| L3    | 1    | 10/574390  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:45 |
| L4    | 10   | Johannesson near Mattias                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:46 |
| L5    | 1    | Gokstorp near Mats                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:46 |
| L6    | 103  | 2 and first and second                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:49 |
| L7    | 2    | 2 and (first and second) near layer                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:56 |
| L8    | 87   | 2 and (first and second) and scatter\$3            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:52 |
| L9    | 62   | 2 and (first and second) and scatter\$3 and defect | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:52 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L10 | 3    | 2 and ((plural\$3 first and second))<br>near1 layer  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:13 |
| L11 | 2    | 2 and ((plural\$3 first and second))<br>near1 layer and scatter\$3                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/25 23:59 |
| L12 | 1572 | (measur\$3 detect\$3 inspect\$3) with<br>(scatter\$3 near5 defects)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:01 |
| L13 | 54   | 12 and ((plural\$3 first and second))<br>near1 layer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:02 |
| L14 | 54   | 12 and (plural\$3 (first and second))<br>near1 layer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:02 |
| L15 | 3051 | (measur\$3 detect\$3) with scatter\$3<br>and ((plural\$3 first and second))<br>near1 layer               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:13 |
| L16 | 38   | (measur\$3 detect\$3) with scatter\$3<br>near4 defects and ((plural\$3 first<br>and second)) near1 layer | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:14 |
| L17 | 2408 | (measur\$3 detect\$3) with defects<br>and ((plural\$3 first and second))<br>near1 layer                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:15 |
| L18 | 154  | 17 and "356"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:15 |
| L19 | 268  | 17 and electrical near signals   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:15 |

## EAST Search History

|     |    |                       |   |    |    |                  |
|-----|----|-----------------------|---|----|----|------------------|
| L20 | 36 | 19 and "356"/\$.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:15 |
|-----|----|-----------------------|---|----|----|------------------|

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| Ref # | Hits | Search Query                                       | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 111  | ("5416594", "5334,844")                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:45 |
| L2    | 111  | ("5416594", "5334844")                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/26 00:21 |
| L3    | 1    | 10/574390  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:45 |
| L4    | 10   | Johannesson near Mattias                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:46 |
| L5    | 1    | Gokstorp near Mats                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:46 |
| L6    | 103  | 2 and first and second                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:49 |
| L7    | 2    | 2 and (first and second) near layer                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/26 00:50 |
| L8    | 87   | 2 and (first and second) and scatter\$3            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:52 |
| L9    | 62   | 2 and (first and second) and scatter\$3 and defect | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/25 23:52 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L10 | 3    | 2 and ((plural\$3 first and second))<br>near1 layer  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:13 |
| L11 | 2    | 2 and ((plural\$3 first and second))<br>near1 layer and scatter\$3                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/25 23:59 |
| L12 | 1572 | (measur\$3 detect\$3 inspect\$3) with<br>(scatter\$3 near5 defects)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:01 |
| L13 | 54   | 12 and ((plural\$3 first and second))<br>near1 layer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:02 |
| L14 | 54   | 12 and (plural\$3 (first and second))<br>near1 layer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:02 |
| L15 | 3051 | (measur\$3 detect\$3) with scatter\$3<br>and ((plural\$3 first and second))<br>near1 layer               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:13 |
| L16 | 38   | (measur\$3 detect\$3) with scatter\$3<br>near4 defects and ((plural\$3 first<br>and second)) near1 layer | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:14 |
| L17 | 2408 | (measur\$3 detect\$3) with defects<br>and ((plural\$3 first and second))<br>near1 layer                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:15 |
| L18 | 154  | 17 and "356"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:15 |
| L19 | 268  | 17 and electrical near signals   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:15 |

## EAST Search History

|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| L20 | 36 | 19 and "356"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON | 2007/11/26 00:15 |
| L21 | 4  | ("5416594", "5334844").pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON | 2007/11/26 00:21 |
| L22 | 1  | "5189481".PN.   | USPAT;<br>USOCR  | OR | ON | 2007/11/26 00:22 |
| L23 | 1  | "5125741".PN.   | USPAT;<br>USOCR  | OR | ON | 2007/11/26 00:22 |
| L24 | 1  | "5076692".PN.   | USPAT;<br>USOCR  | OR | ON | 2007/11/26 00:22 |
| L25 | 1  | "4902131".PN.   | USPAT;<br>USOCR  | OR | ON | 2007/11/26 00:22 |
| L26 | 1  | "4865445".PN.   | USPAT;<br>USOCR  | OR | ON | 2007/11/26 00:22 |
| L27 | 1  | "4740708".PN.   | USPAT;<br>USOCR  | OR | ON | 2007/11/26 00:26 |
| L28 | 0  | tomota near mitsuhiro   | USPAT;<br>USOCR  | OR | ON | 2007/11/26 00:26 |
| L29 | 32 | tomota near mitsuhiro   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:26 |
| L30 | 26 | 2 and (measur\$3 detect\$3) with<br>(scatter\$3 near4 defects)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON | 2007/11/26 00:56 |
| L31 | 0  | (plurality near2 layeers) and<br>(measur\$3 detect\$3) with<br>(scatter\$3 near4 defects) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON | 2007/11/26 00:56 |
| L32 | 11 | (plurality near2 layers) and<br>(measur\$3 detect\$3) with<br>(scatter\$3 near4 defects)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON | 2007/11/26 00:59 |

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|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| L33 | 549 | "356"/\$.ccls. and (measur\$3 detect\$3) with (scatter\$3 near4 defects)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 00:59 |
| L34 | 115 | "356"/\$.ccls. and (measur\$3 detect\$3) with ((reflect\$3 and scatter\$3) near4 defects) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 01:00 |
| L35 | 25  | 34 and electrical near signals  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 01:53 |
| L36 | 26  | "3814946"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 01:21 |
| L37 | 2   | "5293538" and convert\$3 and electrical near signals                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 01:22 |
| L38 | 2   | "5293538" and convert\$3 and electrical near signal                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 01:22 |
| L39 | 2   | "5293538" and electrical near signal  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 01:22 |
| L40 | 23  | "5293538"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 02:02 |
| L41 | 13  | 34 and electrical near signals and polariz\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 01:54 |
| L42 | 52  | 34 and polariz\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 01:54 |

## EAST Search History

|     |   |   |   |    |    |                  |
|-----|---|---|---|----|----|------------------|
| L43 | 8 | "5293538" and transparent                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 02:12 |
| L44 | 9 | ("4460273", "6256093", "3814946",<br>"4886975").pn. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/26 02:13 |